



## HSS jobber drill N, uncoated, Ø DC h8: 20 mm



### Order data

Order number	116320 20
GTIN	4045197029638
Item class	12C

### Description

#### Version:

Special surface treatment, resulting in reduced tendency to edge build-up **and improved chip evacuation.**

#### Recommendation:

#### Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c.$$

#### Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530.**

Through-coolant: no

Standard: DIN 345

Tolerance nominal Ø: h8

Point angle: 118°

Shank: Morse taper

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 110 mm

Flute length  $L_c$ : 140 mm

Overall length L: 238 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm<sup>2</sup>: 0.2 mm/rev.

### Technical description

Nominal Ø $D_c$	20 mm
Flute length $L_c$	140 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.2 mm/rev.
Number of cutting edges Z	2

## Data sheet

Tolerance nominal $\varnothing$	h8
Overall length L	238 mm
Morse taper MT size	2
Standard	DIN 345
recommended maximum drilling depth $L_2$	110 mm
Point angle	118°
Shank	Morse taper
Coating	uncoated
Tool material	HSS
Type	N
Helix angle	20-30°
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

### User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	40 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	30 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	25 m/min	P
GG(G)	suitable only under restricted conditions	25 m/min	K
Oil	suitable		
wet maximum	suitable		